Comparisons of Job Characteristics

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	12.6	12.8	0	Current knowledge level may be sufficient
Production and Processing	6.0	11.1	9.8	<	Expanded education and/or training may be required
Engineering and Technology	5.7	7.9	5.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	12.9	9.8	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	11.1	7.4	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	11.1	9.0	<	A higher skill level may be required
Quality Control Analysis	5.9	10.8	7.6	<<	Extensive development of skills in this area may be required
Repairing	3.4	10.6	6.9	<<	Extensive development of skills in this area may be required
Mathematics	6.2	9.7	3.4	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	9.2	6.6	<<	Extensive development of skills in this area may be required

Equipment Selection	3.3	8.6	5.1	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities   Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Manual Dexterity	6.5	12.8	9.1	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	12.7	9.5	<<	Extensive improvement in abilities may be required
Control Precision	6.6	12.3	12.0	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	11.8	11.8	0	Current ability level may be sufficient
Visualization	7.5	11.1	8.1	<<	Extensive improvement in abilities may be required
Perceptual Speed	7.4	11.0	7.5	<<	Extensive improvement in abilities may be required
Selective Attention	8.7	10.8	8.2	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	10.4	8.3	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	9.1	5.8	<<	Extensive improvement in abilities may be required
Rate Control	3.8	9.1	7.3	<	Some improvement in abilities may be required
Wrist-Finger Speed	3.2	6.6	3.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common   Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Clean equipment or machinery	20
Examine products or work to verify conformance to specifications	15
Load or unload material or workpiece into machinery	34
Load, unload, or stack containers, materials, or products	37
Move or fit heavy objects	8

Read blueprints	10
Read specifications	23
Read technical drawings	7
Set up production equipment or machinery	51
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.